

Converting Colors

CIELCh(43, 6.243, 268.901)

Have a look what the booklet for
CIELCh(43, 6.243, 268.901) contains.

CIELCh(43, 6.409, 269.531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 6.409, 269.531)

Conversions

Conversions Part 1

Format	Color
Hex	606670
RGB	96, 102, 112
RGB Percent	38%, 40%, 44%
CMY	0.6235, 0.6000, 0.5608
CMYK	0.14, 0.09, 0.00, 0.56
HSL	217°, 8%, 41%
HSV	217°, 14%, 44%
XYZ	12.4983, 13.1578, 17.2085
YIQ	101.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

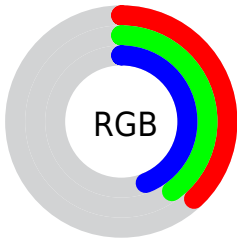
Format	Color
R_{YB}	96, 100, 112
Decimal	6317680
CIE Lab	43.00, -0.05, -6.41
CIE LCh	43, 6.409, 269.531
Yxy	13.1578, 0.2916, 0.3070
Android (android.graphics.Color)	4284507760 (0xFF606670)
YUV	101.3460, 5.2524, -4.6884
Hunter-Lab	36.2736, -1.9755, -2.7362

Details

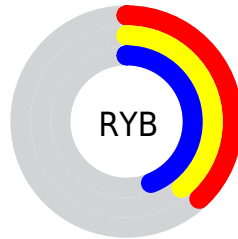
The CIELCh color **43, 6.409, 269.531** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 6.466, 85.898**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 6.497, 270.907**, and **23, 6.314, 271.919** is the 20% darker color. If you saturate the color by 10%, you get **40, 10.943, 271.065**, and if you desaturate by 10%, it is **46, 1.917, 268.248**.

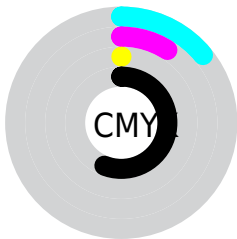
Distribution



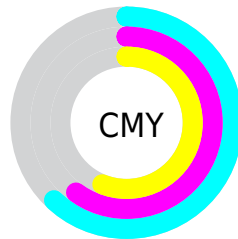
- Red (38%)
- Green (40%)
- Blue (44%)



- Red (38%)
- Yellow (39%)
- Blue (44%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 6.409, 269.531 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 43, 6.409, 269.531 by changing the saturation by 10% instead.

■ 43, 6.409, 269.531

■ 43, 6.409, 269.531

■ 100, 6.409,
269.531

■ 33, 6.409, 269.531

■ 63, 6.409, 269.531

■ 23, 6.409, 269.531

■ 73, 6.409, 269.531

■ 13, 6.409, 269.531

■ 83, 6.409, 269.531

■ 3, 6.409, 269.531

■ 93, 6.409, 269.531

■ 0, 6.409, 269.531

■ 43, 6.409, 269.531

■ 43, 6.409, 269.531

■ 40, 10.943,
271.065

■ 46, 1.917, 268.248

■ 37, 15.520,

■ 49, 2.528, 86.924

272.867

52, 6.924, 85.958

34, 20.143,
274.965

55, 11.266, 85.082

31, 24.820,
277.395

58, 15.552, 84.305

28, 29.567,
280.184

61, 19.780, 83.614

26, 34.410,
283.329

64, 23.947, 82.997

23, 39.371,
286.779

67, 28.053, 82.442

21, 44.456,
290.382

19, 47.429,
292.242

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43, 6.409, 269.531



45, 6.466, 85.898

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43, 6.409, 269.531



43, 6.409, 319.531



43, 6.409, 89.531



43, 6.409, 139.531

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43, 6.408, 269.523



59, 2.215, 268.230



46, 7.448, 169.251



30, 1.586, 268.295



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 6.408, 269.523



54, 9.456, 269.984



41, 9.750, 295.925



22, 2.521, 268.807



21, 50.172, 292.550



45, 90.948, 294.811

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42, 7.627, 352.214



53, 11.291, 352.535



47, 9.459, 113.693



22, 2.982, 351.693



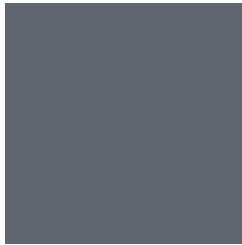
24, 48.542, 11.855



53, 83.584, 15.166

Previews

White Background



This preview shows how the CIELCh color 43, 6.409, 269.531 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 6.409, 269.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

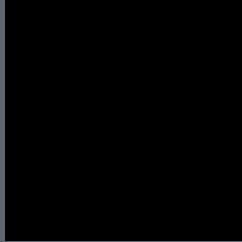
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

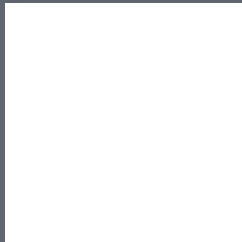
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 6.409, 269.531

Background



This preview shows how black text looks on a background with the CIELCh color 43, 6.409, 269.531.



This preview shows how white text looks on a background with the CIELCh color 43, 6.409, 269.531.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43, 6.409, 269.531

Protanopia

43, 6.027, 287.281

Deuteranopia

43, 8.925, 309.591



Tritanopia
43, 5.319, 264.417

Trichromacy



Original Color
43, 6.409, 269.531

Protanomaly
43, 6.059, 283.547

Deuteranomaly
43, 7.888, 297.066

Tritanomaly
43, 5.858, 267.204

Monochromacy



Original Color
43, 6.409, 269.531

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 2.532, 271.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 6.409, 269.531 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(96, 102, 112)` looks like.

```
.text, #text, p{  
    color:rgb(96, 102, 112)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(96, 102, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 102, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 6.409, 269.531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 102, 112) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(96, 102, 112) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(96, 102, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 102, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 102, 112);  
box-shadow:4px 4px 4px 4px rgb(96, 102,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 6.409, 269.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 102, 112) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(96, 102,  
112) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor